



## Form PTO-1449 (Modified)

Form PTO-1449 (Modi	fied)	- OVER NO	Ser.	No.	
FORM PTO-1449		CU- 2684	09/9	81,145	
INFORMATION STATEMENT BY	DISCLOSUL	APPLICANT David H. DA COSTA et al.	GROU	JP	
37 CFR 1.98(b))	U.S. PATEN	T DOCUMENTS PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
EXAMINER PATEN	T NUMBER ISSUE DATE	Wiswall, Jr. et al.	1		

TOTAL					
37 CFR 1.98(b))	U.S. PATENT I	OOCUMENTS	CLASS	SUB-	ING ATE
EXAMINER	PATENT NUMBER   ISSUE   DATE	PATENTEE		CLASS DA	OPRIATE
<b>불</b>	PATENT NUMBER  3   5   1   6   2   6   3   3/1969  4   0   3   6   9   4   4   7/1977  4   0   3   9   0   2   3   8/1977  4   2   1   6   1   9   8   8/1980  5   0   4   7   3   0   1   9/1991  5   2   5   0   3   6   8   10/1993  5   5   1   8   5   2   8   5/1996  5   5   3   2   0   7   4   7/1996  5   6   2   3   9   8   7   4/1997  5   6   7   3   5   5   6   10/1997  5   6   8   8   6   1   1   11/1997  5   6   9   7   2   2   1   12/1997  5   6   9   7   2   2   1   12/1997	Wiswall, Jr. et al.  Blytas  McClaine  Simons  Adlhart et al.  Golben et al.  Tom et al.  Golben  Golben et al.  Golben et al.  Golben et al.  Tomet al.  Tomet al.  Tomet al.  Tomet al.		IF APPR	ONIAIE
***	5       7       7       6       6       2       0       7       10/1998         5       8       2       7       9       4       7       10/1998         5       9       0       6       7       9       2       5/1999         6       2       0       7       1       0       4       3/2001         6       2       1       4       4       9       2       4/2001         6       2       6       7       2       2       9       7/2001	Miller et al. Schulz et al. Kadir et al. Kono et al. Teraguchi Heung		- CATION	
1	1 7 7	CODEIGN PATEN	JT APP	LICATION	TRANSI ATION

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

1 11 1 1 1 1	FOREIGN PATENT APPLICATION TRANSLATION
TONI DATENT OR F	PUBLISHED FOREIGN PATENT APPLICATION  PUBLICATION COUNTRY OR CLASS SUB- CLASS SUB- CLASS SUB- CLASS SUB- CLASS NO CLASS X
FOREIGN PATENT OR A	PUBLICATION PATENT OFFICE X
EXAMINER DOCUMENT NONEDER	DATE
INITIAL 1 6 3 1 9 0	0 9/1983 Japan
l	n - fublication)

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

	Title Date, Place of publication of the Place of the P
	HER DOCUMENTS (Including Author, Title, Date, Place of publication); Society
OT	HER DOCUMENTS (motored Thermal Hydrogen Company
01	TIER 2 and David DaCosta; "Advanced The
	Mark Golben and David DaCosta; "Advanced Thermal Hydrogen Compression"; Society of Automotive Engineers, Inc., 1999 (Reprint).
160	Engineers, Inc., 1999 (Replace)
1 100 1	of Automotive English Hydrogen Compressor, 10
\ \ <del></del>	Mark Golben and David Dacosta, 1999 (Reprint).  of Automotive Engineers, Inc., 1999 (Reprint).  P. M. Golben; "Multi-Stage Hydride-Hydrogen Compressor; 18th Intersociety Energy  P. M. Golben; "Multi-Stage Hydride-Hydrogen Compressor, 1983.  Conversion Engineering Conference; pp. 1746-53, August, 1983.  Conversion Engineering Conference; pp. 1746-53, August, 1983.
	P. M. Golden, Mary Conference: pp. 1/40-33, August, 1 - con Overview and
1 1	Conversion Engineering Conjectures, 1111 a with Impure Hydrogen. Ovol
	P. M. Golben; "Multi-Stage Hydrides 1746-53, August, 1983.  Conversion Engineering Conference; pp. 1746-53, August, 1983.  Sandrock et al., "Cyclic Life of Metal Hydrides with Impure Hydrogen: Overview and Engineering Considerations", Journal of Less Common Metals, Vol. 154, pp. 159-173, Engineering Considerations", Journal of Less Common Metals, Vol. 154, pp. 159-173,
L	Sandrock et al., "Cyche Elic of Lags Common Metals, Vol. 15 ", FF
1 🐷 1 1	Sandroen Considerations", Journal of Less Comme
<b>V</b> .	Engineering Considerations,
16/1	(1984). DATE CONSIDERED 11 14 D2
1 100 1 1	(1984). DATE CONSIDERED 11/18/07
1 \	11110
EXAMINER	W. V. Company citation if not In conformance
	I wough citation if not in comornance

EXAMINER: Initial citation considered. Draw line through citation if not In conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)